



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 4150

SERIAL NUMBER 10/693,987	FILING DATE 10/28/2003 RULE	CLASS 257	GROUP ART UNIT 2815	ATTORNEY DOCKET NO. HITA.0451
-----------------------------	---------------------------------------	--------------	------------------------	-------------------------------------

APPLICANTS

Norikatsu Takaura, Kokubunji, JAPAN;

Hideyuki Matsuoka, Nishitokyo, JAPAN;
 Riichiro Takemura, Tokyo, JAPAN; Kousuke Okuyama, Kawagoe, JAPAN;
 Masahiro Moniwa, Sayama, JAPAN;
 Akio Nishida, Tachikawa, JAPAN;
 Kota Funayama, Hitachinaka, JAPAN;
 Tomonori Sekiguchi, Kokubunji, JAPAN;

** CONTINUING DATA *****
 This application is a CON of 10/051,188 01/22/2002 PAT 6,670,642

** FOREIGN APPLICATIONS *****

IF REQUIRED, FOREIGN FILING LICENSE GRANTED

** 01/23/2004

Foreign Priority claimed <input checked="" type="checkbox"/> yes <input type="checkbox"/> no	STATE OR COUNTRY JAPAN	SHEETS DRAWING 52	TOTAL CLAIMS 18	INDEPENDENT CLAIMS 2
35 USC 119 (a-d) conditions met <input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance				
Verified and Acknowledged Examiner's Signature: <i>[Signature]</i> Initials: <i>[Initials]</i>				

ADDRESS

38327
 REED SMITH LLP
 3110 FAIRVIEW PARK DRIVE, SUITE 1400
 FALLS CHURCH, VA
 22042

TITLE

Semiconductor memory device using vertical-channel transistors

☐ All Fees